



24 S. Gold

Paola, KS 66071

Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation

Phone: 913-557-9083

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WELL LOG

Reusch Well Services, Inc.

Chambers #1

API#15-059-27,204

November 8 - November 14, 2015

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
14	soil & clay	14
6	lime	20
3	shale	23
15	lime	38
7	shale	45
11	lime	56
7	shale	63
20	lime	83
13	shale	96
1	lime	97
17	shale	114
18	lime	132
83	shale	215
21	lime	236
8	shale	244
8	sandstone	252
12	shale	264
6	lime	270
15	shale	285
12	sand	297
4	shale	301
9	lime	310
3	shale	313
2	lime	315
18	shale	333
23	lime	356
10	shale	366
21	lime	387
4	shale	391
4	lime	395
5	shale	400
3	lime	403
142	shale	403 base of the Kansas City
5	lime	545
4	shale	550
8	lime	554
3	shale	562
12	lime	565
28	shale	577
8	lime	605
		613

13	shale	626
3	lime	629
10	shale	639
5	lime	644
6	shale	650
2	lime	652
6	shale	658 black
4	lime	662 soft brown lime, ok oil show
3	lime	665 brown hard minimal oil show
4	shale	669
1	silty shale	670
0.5	oil sand	670.5 brown soft sand, good bleeding, gassy
1	broken sand	671.5 90% silty shale 10% oil sand, light bleeding
2.25	broken sand	673.75 90% soft brown sand 10% shale good bleeding, gassy
0.5	limey sand	674.25 vertical fracture
2.25	broken sand	676.5 75% brown sand 25% shale good bleeding, gassy
7.5	silty shale	684
1	shale	685 with lime conglomerate
29	shale	714
1	lime & shells	715
9	shale	724
1	lime & shells	725
2	shale	727
1	oil sand	728 brown sand, ok bleeding
4	sand	732 black, no show, grey
1	shale	733 TD

Drilled a 9 7/8" hole to 22.5'

Drilled a 5 5/8" hole to 733'

Set 22.5' of 7" surface casing threaded and coupled cemented with 6 sacks of cement

Set 698' of used 2 7/8" 8 round upset tubing, 3 centralizers, 1 float shoe, 1 clamp.

Upper Squirrel Core Time

	<u>Minutes</u>	<u>Seconds</u>
670		44
671		46
672		47
673		45
674	1	25
675		43
676		46
677		54
678		49
679		50
680		50
681		50
682		46
683		47
684	1	1
685	1	3
686	1	2
687	1	1
688	1	6
689	1	3